EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	capacit$4 same touch$4 same pad$4 and cover$4 same galvan$4 same isolat $4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 15:03
S2	5	capacit$4 same touch$4 same pad$4 and galvan$4 same isolat$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 15:11
S3	19	touch$4 same pad$4 and galvan$4 same isolat$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 15:12
S4	4	touch$4 same pad$4 same galvan$4 same isolat$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 15:13
S5	8	touch$4 same pad$4 and galvan$4 same non-conduct$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 15:23
S6	1	touch$4 same pad$4 with galvan$4 same cover$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 15:27
S7	4	capacit$4 same touch$4 same pad$4 with non-conductive$4 same layer $4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:21
S8	114	capacit$4 same touch$4 same pad$4 and first same layer$4 and second same layer$4 and non-conductive $4 same layer$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:25
S9	8	capacit$4 same touch$4 same pad$4 and first same layer$4 and second same layer$4 same ground$4 same plane and non-conductive$4 same layer $4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:26

S10	2	capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:27
S11	104	capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and ground$4) and non-conductive$4 same layer$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:27
S12	11	capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 same ground$4) and non-conductive$4 same layer$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:28
S13	456	capacit$4 same touch$4 same pad$4 and row$4 and column$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:29
S14	285	capacit$4 same touch$4 same pad$4 and row$4 and column$4 and ground $4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:29
S15	10	capacit$4 same touch$4 same pad$4 and row$4 and column$4 and ground $4 same copper	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:30
S16	1	capacit$4 same touch$4 same pad$4 and row$4 and column$4 and ground $4 same copper and comb and finger$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:36
S17	1	capacit$4 same touch$4 same pad$4 and row$4 and column$4 and ground $4 and comb and finger$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:36
S18	140	touch$4 same pad$4 and row$4 and column$4 and ground$4 and comb and finger$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:39

S19	1	touch$4 same pad$4 and row$4 same column$4 same (comb and finger$1) and ground$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:41
S20	2	touch$4 same pad$4 and row$4 same column$4 same (comb and finger$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:41
S21	24	row$4 same column$4 same (comb and finger$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:42
S22	3	capacit$6 same row$4 same column$4 same (comb and finger$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:44
S23	456	capacit$4 same touch$4 same pad$4 and row$4 and column$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:48
S24	36	capacit$4 same touch$4 same pad$4 and row$4 and column$4 and comb and finger$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 21:48
S25	7	capacit$4 same touch$4 same pad$4 and row$4 and column$4 and ground $4 same copper and comb $4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/28 22:13
S26	652	capacit$4 same touch$4 same pad$4 and matrix	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 09:39
S27	132	capacit$4 same touch$4 same pad$4 and matrix and comb$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 09:39
S28	97	capacit$4 same touch$4 same pad$4 and matrix and comb$3 and finger$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 09:40

S29	30	capacit$4 same touch$4 same pad$4 and matrix and comb$3 and finger$1 and non-conduct$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 09:40
S30	76	capacit$4 same touch$4 same pad$4 and matrix and comb$3 and finger$1 and ground$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 09:55
S31	29	capacit$4 same touch$4 same pad$4 and matrix and comb$3 and finger$1 and ground$4 and copper	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 09:55
S32	145	capacit$4 same touch$4 same pad$4 and matrix and 345/173.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 10:04
S33	29	capacit$4 same touch$4 same pad$4 and matrix and 345/173.ccls. and comb$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 10:17
S34	140	capacit$4 same touch$4 same pad$4 and matrix and 345/173.ccls. and finger$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 10:17
S35	29	capacit$4 same touch$4 same pad$4 and matrix and 345/173.ccls. and comb$3 and finger$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 10:18
S36	26	capacit$4 same touch$4 same pad$4 and matrix and comb$3 same (structure$4 or arrange$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 10:35
S37	26	capacit$4 same touch$4 same pad$4 and matrix and comb$3 same (structure$4 or arrange$4 or organiz$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 10:35
S38	1	capacit$4 same touch$4 same pad$4 and matrix and comb$3 same (structure$4 or arrange$4 or organiz$4) and "345"/$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 10:36

S39	12	capacit$4 same touch$4 same pad$4 and comb$3 same (structure$4 or arrange$4 or organiz$4) and "345"/$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 10:36
S40	4	capacit$4 same touch$4 same pad$4 and galvanic same isolat$4 and "345"/$. ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 11:20
S41	7	matrix and galvanic same isolat$4 and "345"/$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 11:52
S42	1	capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:15
S43	29	Marten same Victor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:16
S44	9	Marten same Victor and "345"/$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:16
S45	6	Marten same Victor and capacitive same touch same pad	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:17
S46	3	Marten same Victor and capacitive same touch same pad and galvanic same isolation	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:17
S47	98740	"345"/$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:18
S48	14	"345"/$.ccls. and galvanic same isolation	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:18

S49	1	"345"/$.ccls. and galvanic same isolation and comb same finger$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:19
S50	0	("2008/0150906").URPN.	USPAT	OR	OFF	2008/11/29 12:19
S51	0	("2008/0150905").URPN.	USPAT	OR	OFF	2008/11/29 12:20
S52	0	("2008/0100587").URPN.	USPAT	OR	OFF	2008/11/29 12:20
S53	0	("2008/0088594").URPN.	USPAT	OR	OFF	2008/11/29 12:20
S54	0	("2008/0012832").URPN.	USPAT	OR	OFF	2008/11/29 12:20
S55	0	("2008/0007539").URPN.	USPAT	OR	OFF	2008/11/29 12:20
S56	0	("2008/0007534").URPN.	USPAT	OR	OFF	2008/11/29 12:21
S57	0	("2008/0001926").URPN.	USPAT	OR	OFF	2008/11/29 12:21
S58	0	("2007/0296709").URPN.	USPAT	OR	OFF	2008/11/29 12:21
S59	0	("2007/0291009").URPN.	USPAT	OR	OFF	2008/11/29 12:21
S60	0	("2007/0273660").URPN.	USPAT	OR	OFF	2008/11/29 12:21
S61	0	("2007/0273659").URPN.	USPAT	OR	OFF	2008/11/29 12:21
S62	0	("2007/0273659").URPN.	USPAT	OR	OFF	2008/11/29 12:21
S63	0	("2007/0268265").URPN.	USPAT	OR	OFF	2008/11/29 12:22
S64	0	("2007/0262963").URPN.	USPAT	OR	OFF	2008/11/29 12:22
S65	0	("2007/0262962").URPN.	USPAT	OR	OFF	2008/11/29 12:22
S66	0	("2007/0229468").URPN.	USPAT	OR	OFF	2008/11/29 12:22
S67	0	("2007/0229466").URPN.	USPAT	OR	OFF	2008/11/29 12:22
S68	0	("2007/0085838").URPN.	USPAT	OR	OFF	2008/11/29 12:22
S69	0	("2007/0085837").URPN.	USPAT	OR	OFF	2008/11/29 12:23
S70	0	("2007/0046639").URPN.	USPAT	OR	OFF	2008/11/29 12:23

S71	0	("2005/0146510").URPN.	USPAT	OR	OFF	2008/11/29 12:23
S72	1	("2005/0083307").URPN.	USPAT	OR	OFF	2008/11/29 12:23
S73	7	("2003/0016211").URPN.	USPAT	OR	OFF	2008/11/29 12:23
S74	5	("20050041002 | "4954673" | "6356451" | "6501528" | "6751898").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:24
S75	0	("7295189").URPN.	USPAT	OR	OFF	2008/11/29 12:24
S76	14	("3668467" | "4649323" | "4924151" | "4939428" | "5191265" | "5235217" | "5248919" | "5530322" | "5694154" | "5719450" | "5796183" | "5909211" | "6004049" | "6262717").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:24
S77	7	("6608617").URPN.	USPAT	OR	OFF	2008/11/29 12:24
S78	28	("3886311" | "4071691" | "4103252" | "4179723" | "4246452" | "4265059" | "4476463" | "4495485" | "4550221" | "4587378" | "4639720" | "4672154" | "4680430" | "4736191" | "4740781" | "4743895" | "4817043" | "5245321" | "5271669" | "5305017" | "5327161" | "5457636" | "5481250" | "5572573" | "5717433" | "5730602" | "5737729" | "5748185").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:24
S79	38	("6262717").URPN.	USPAT	OR	OFF	2008/11/29 12:25
S80	12	("3761877" | "3772685" | "3832693" | "3990070" | "4058849" | "4125873" | "4190833" | "4363029" | "4639720" | "4814760" | "4839634" | "4841290").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:25
S81	105	("5194852").URPN.	USPAT	OR	OFF	2008/11/29 12:25
S82	4	("3492440" | "3886539" | "4121204").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:25
S83	25	("4204204").URPN.	USPAT	OR	OFF	2008/11/29 12:26

S84	0	("2005/0083307").URPN. and capacit$4 same touch $4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:26
S85	0	("2003/0016211").URPN. and capacit$4 same touch $4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:26
S86	0	("20050041002 | "4954673" | "6356451" | "6501528" | "6751898"). PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:27
S87	0	("3668467" | "4649323" | "4924151" | "4939428" | "5191265" | "5235217" | "5248919" | "5530322" | "5694154" | "5719450" | "5796183" | "5909211" | "6004049" | "6262717"). PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:27
S88	0	("6608617").URPN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:27

S89	0	("3886311" | "4071691" | "4103252" | "4179723" | "4246452" | "4265059" | "4476463" | "4495485" | "4550221" | "4587378" | "4639720" | "4672154" | "4680430" | "4736191" | "4740781" | "4743895" | "4817043" | "5245321" | "5271669" | "5305017" | "5327161" | "5457636" | "5481250" | "5572573" | "5717433" | "5730602" | "5737729" | "5748185"). PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:27
S90	0	("6262717").URPN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:28
S91	0	("3761877" | "3772685" | "3832693" | "3990070" | "4058849" | "4125873" | "4190833" | "4363029" | "4639720" | "4814760" | "4839634" | "4841290"). PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:28
S92	0	("5194852").URPN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:28

S93	0	("3492440" | "3886539" | "4121204").PN. and capacit $4 same touch$4 same pad $4 and first same layer$4 and (second same layer$4 and copper same ground $4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:29
S94	0	("4204204").URPN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:29
S95	2	("20030052867" | "6677670").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:30
S96	0	("7151227").URPN.	USPAT	OR	OFF	2008/11/29 12:30
S97	9	("20020067615" | "20040080486" | "20040238726" | "4567480" | "5886687" | "5942733" | "6054979" | "6204839" | "6611093"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:30
S98	1	("7176885").URPN.	USPAT	OR	OFF	2008/11/29 12:30
S99	34	("20010006006" | "20020050983" | "20030066692" | "20030217873" | "20050134574" | "4317227" | "4592034" | "4644100" | "4880665" | "5059959" | "5194852" | "5404458" | "5412189" | "5591945" | "5628031" | "5638093" | "5691959" | "5717432" | "5856820" | "5986224" | "6161434" | "6167165" | "6392167" | "6404353" | "6535147" | "6549193" | "6555235" | "6723929" | "6724373" | "6738051" | "6741237" | "6922642" | "7049960" | "7116315").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:32
S100	0	("7411581").URPN.	USPAT	OR	OFF	2008/11/29 12:32

S101	5	("5337151" | "6392870" | "6476733" | "6614364" | "6886263").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:32
S102	0	("7423634").URPN.	USPAT	OR	OFF	2008/11/29 12:32
S103	1	("2004/0090417").URPN.	USPAT	OR	OFF	2008/11/29 12:33
S104	1	("2004/0119688").URPN.	USPAT	OR	OFF	2008/11/29 12:33
S105	0	("2005/0083313").URPN.	USPAT	OR	OFF	2008/11/29 12:33
S106	0	("2006/0114241").URPN.	USPAT	OR	OFF	2008/11/29 12:34
S107	0	("2008/0100587").URPN.	USPAT	OR	OFF	2008/11/29 12:34
S108	0	("2008/0106528").URPN.	USPAT	OR	OFF	2008/11/29 12:34
S109	0	("2008/0231601").URPN.	USPAT	OR	OFF	2008/11/29 12:34
S110	0	("2008/0284755").URPN.	USPAT	OR	OFF	2008/11/29 12:34
S111	0	("20030052867" | "6677670").PN. and capacit $4 same touch$4 same pad $4 and first same layer$4 and (second same layer$4 and copper same ground $4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:35
S112	0	("20020067615" | "20040080486" | "20040238726" | "4567480" | "5886687" | "5942733" | "6054979" | "6204839" | "6611093"). PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:35

S113	0	("7176885").URPN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:36
S114	0	("20010006006" | "20020050983" | "20030066692" | "20030217873" | "20050134574" | "4317227" | "4592034" | "4644100" | "4880665" | "5059959" | "5194852" | "5404458" | "5412189" | "5591945" | "5628031" | "5638093" | "5691959" | "5717432" | "5856820" | "5986224" | "6161434" | "6167165" | "6392167" | "6404353" | "6535147" | "6549193" | "6555235" | "6723929" | "6724373" | "6738051" | "6741237" | "6922642" | "7049960" | "7116315").PN. and capacit$4 same touch$4 same pad $4 and first same layer$4 and (second same layer$4 and copper same ground $4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:36
S115	0	("5337151" | "6392870" | "6476733" | "6614364" | "6886263").PN. and capacit $4 same touch$4 same pad $4 and first same layer$4 and (second same layer$4 and copper same ground $4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:36
S116	0	("2004/0090417").URPN. and capacit$4 same touch $4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:36

S117	0	("2004/0119688").URPN. and capacit$4 same touch $4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:37
S118	0	("2008/0205495").URPN.	USPAT	OR	OFF	2008/11/29 12:38
S119	0	("2008/0126665").URPN.	USPAT	OR	OFF	2008/11/29 12:38
S120	0	("2007/0293915").URPN.	USPAT	OR	OFF	2008/11/29 12:38
S121	0	("2007/0247443").URPN.	USPAT	OR	OFF	2008/11/29 12:38
S122	0	("2007/0193887").URPN.	USPAT	OR	OFF	2008/11/29 12:38
S123	0	("2007/0128351").URPN.	USPAT	OR	OFF	2008/11/29 12:38
S124	0	("2006/0017701").URPN.	USPAT	OR	OFF	2008/11/29 12:38
S125	0	("2005/0270273").URPN.	USPAT	OR	OFF	2008/11/29 12:38
S126	0	("2005/0218726").URPN.	USPAT	OR	OFF	2008/11/29 12:39
S127	1	("2004/0131925").URPN.	USPAT	OR	OFF	2008/11/29 12:39
S128	0	("2004/0113564").URPN.	USPAT	OR	OFF	2008/11/29 12:39
S129	0	("2003/0218670").URPN.	USPAT	OR	OFF	2008/11/29 12:39
S130	0	("2003/0139783").URPN.	USPAT	OR	OFF	2008/11/29 12:39
S131	0	("7274118").URPN.	USPAT	OR	OFF	2008/11/29 12:39
S132	189	("20010014398" | "20010033952" | "20010043569" | "20010051300" | "20020000034" | "20020037756" | "20020076616" | "20020110733" | "20020184949" | "20030104590" | "20030151118" | "20030171984" | "20040077383" | "20040094949" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:40

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"6002208" | "6023610" |
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S133	0	("7274118").URPN.	USPAT	OR	OFF	2008/11/29 12:40
S134	15	("4494950" | "4524774" | "4697808" | "4799487" | "5167229" | "5193540" | "5324316" | "5814089" | "5999848" | "6141588" | "6164284" | "6185452" | "6315721" | "6358202" | "6564807").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:40
S135	0	("7260436").URPN.	USPAT	OR	OFF	2008/11/29 12:40
S136	5	("5777604" | "6373474" | "6734843" | "6738048" | "6753853").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:40
S137	0	("7075523").URPN.	USPAT	OR	OFF	2008/11/29 12:40
S138	11	("4315133" | "4554560" | "4652722" | "5359176" | "5538764" | "5837962" | "5906760" | "5940115" | "5981901" | "6037968" | "6400389").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:40

S139	0	("7009633").URPN.	USPAT	OR	OFF	2008/11/29 12:41
S140	125	("20010014398" | "20010051300" | "20020000034" | "20020037756" | "20020076616" | "4207119" | "4299890" | "4333808" | "4353160" | "4365107" | "4440108" | "4481265" | "4520039" | "4633129" | "4645726" | "4684848" | "4730383" | "4740431" | "4832463" | "4862032" | "5017550" | "5022930" | "5051274" | "5064520" | "5089104" | "5098737" | "5115378" | "5151848" | "5171413" | "5180645" | "5189550" | "5192947" | "5202196" | "5261968" | "5273837" | "5296122" | "5314765" | "5338625" | "5348703" | "5393572" | "5411592" | "5425966" | "5426561" | "5433096" | "5445126" | "5445906" | "5448110" | "5449994" | "5455126" | "5468521" | "5482611" | "5501175" | "5501924" | "5510209" | "5512147" | "5528222" | "5529671" | "5536333" | "5549989" | "5558953" | "5561004" | "5567210" | "5569520" | "5569564" | "5571749" | "5585999" | "5593551" | "5597660" | "5599644" | "5601652" | "5612152" | "5626976" | "5644207" | "5654084" | "5695873" | "5695885" | "5705293" | "5763058" | "5830331" | "5863337" | "5868914" | "5872080" | "5914507" | "5935727" | "5953677" | "5978207" | "5981107" | "5995006" | "6002208" | "6023610" | "6033471" | "6037717" | "6042687" | "6056857" | "6059847" | "6078791" | "6086962" | "6094292" | "6103412" | "6110620" | "6130507" | "6133159" | "6136165" | "6139964" | "6147354" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:41

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S141	7	("6906436").URPN.	USPAT	OR	OFF	2008/11/29 12:41
S142	13	("20020113556" | "5165053" | "5548189" | "5952790" | "5965985" | "5982111" | "6002210" | "6051934" | "6057648" | "6078143" | "6175198" | "6304041" | "6392365"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:41
S143	1	("6815908").URPN.	USPAT	OR	OFF	2008/11/29 12:41
S144	0	("2004/0131925").URPN. and capacit$4 same touch $4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:42
S145	0	("20010014398" | "20010033952" | "20010043569" | "20010051300" | "20020000034" | "20020037756" | "20020076616" | "20020110733" | "20020184949" | "20030104590" | "20030151118" | "20030171984" | "20040077383" | "20040094949" | "20050019666" | "20050079418" | "3419487" | "4207119" | "4299890" | "4328262" | "4333808" | "4353160" | "4365107" | "4435445" | "4440108" | "4481265" | "4520039" | "4633129" | "4645726" | "4684848" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:43

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"5925483" | "5932284" |
"5935727" | "5953677" |
"5978207" | "5981107" |
"5982284").PN. and capacit
$4 same touch$4 same pad
$4 and first same layer$4
and (second same layer$4
and copper same ground
$4) and non-conductive$4
same layer$4 and galv$4
same isolat$4

| S146 | 0 | ("5995006" | "6001715" | "6002208" | "6023610" | "6025094" | "6033471" | "6037717" | "6042687" | "6056857" | "6059847" | "6077621" | "6078791" | "6086962" | "6094292" | "6103412" | "6110620" | "6130507" | "6133159" | "6136165" | "6139964" | "6147354" | "6153067" | "6163260" | "6168884" | "6175196" | "6181237" | "6181545" | "6203944" | "6220516" | "6222117" | "6236061" | "6238813" | "6264709" | "6277523" | "6280875" | "6281795" | "6294722" | "6325294" | "6327909" | "6391664" | "6399489" | "6402795" | "6402796" | "6413675" | "6432577" | "6475854" | "6558836" | "6576365" | "6576369" | "6599580" | "6608464" | "6610971" | "6626040" | "6634232" | "6645656" | "6723140" | "6741178" | "6805998" | "6818356" | "6821348" | "6866901" | "6897164" | "6906436" | "6924164" | "6982132" | "6986965" | "6989750" | "7028547" | "7118825").PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/29 12:43 |
| S147 | 0 | ("4494950" | "4524774" | "4697808" | "4799487" | "5167229" | "5193540" | "5324316" | "5814089" | "5999848" | "6141588" | "6164284" | "6185452" | "6315721" | "6358202" | "6564807").PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/11/29 12:44 |

S148	0	("5777604" | "6373474" | "6734843" | "6738048" | "6753853").PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:44
S149	0	("4315133" | "4554560" | "4652722" | "5359176" | "5538764" | "5837962" | "5906760" | "5940115" | "5981901" | "6037968" | "6400389").PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:44
S150	0	("20010014398" | "20010051300" | "20020000034" | "20020037756" | "20020076616" | "4207119" | "4299890" | "4333808" | "4353160" | "4365107" | "4440108" | "4481265" | "4520039" | "4633129" | "4645726" | "4684848" | "4730383" | "4740431" | "4832463" | "4862032" | "5017550" | "5022930" | "5051274" | "5064520" | "5089104" | "5098737" | "5115378" | "5151848" | "5171413" | "5180645" | "5189550" | "5192947" | "5202196" | "5261968" | "5273837" | "5296122" | "5314765" | "5338625" | "5348703" | "5393572" | "5411592" | "5425966" | "5426561" | "5433096" | "5445126" | "5445906" | "5448110" | "5449994" | "5455126" | "5468521" | "5482611" | "5501175" | "5501924" | "5510209" | "5512147" | "5528222" | "5529671" | "5536333" | "5549989" | "5558953" | "5561004" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:46

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"6294722" | "6327909" |
"6432577" | "6475854" |
"6558836" | "6576369" |
"6608464" | "6610971").
PN. and capacit$4 same
touch$4 same pad$4 and
first same layer$4 and
(second same layer$4 and
copper same ground$4)
and non-conductive$4
same layer$4 and galv$4
same isolat$4

S151	0	("6634232" | "6741178"). PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:46

S152	0	("6906436").URPN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:46
S153	0	("20020113556" | "5165053" | "5548189" | "5952790" | "5965985" | "5982111" | "6002210" | "6051934" | "6057648" | "6078143" | "6175198" | "6304041" | "6392365").PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:46
S154	0	("6815908").URPN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:47
S155	2	"4,475,235".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:49
S156	2	"5,953,199".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:49
S157	0	"4,475,235".pn. and capacit $4 same touch$4 same pad $4 and first same layer$4 and (second same layer$4 and copper same ground $4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:49

S158	0	"5,953,199".pn. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:49
S159	12	("3579186" | "3618019" | "3668313" | "3699517" | "3956734" | "3983535" | "4035769" | "4126760" | "4143357" | "4281313" | "4389711" | "4394773"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:50
S160	32	("4475235").URPN.	USPAT	OR	OFF	2008/11/29 12:50
S161	18	("4441001" | "4468702" | "4586106" | "4654746" | "4745518" | "4865483" | "5067573" | "5252952" | "5448405" | "5457289" | "5469194" | "5486847" | "5543588" | "5552957" | "5579036" | "5588760" | "5668612" | "5747748"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:52
S162	5	("5953199").URPN.	USPAT	OR	OFF	2008/11/29 12:52
S163	0	"4,475,235".pn. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:54
S164	0	"4,475,235".pn. and capacit$4 same touch$4 same pad$4 and first same layer$4 and non-conductive$4 same layer$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:54
S165	0	"5,953,199".pn. and capacit$4 same touch$4 same pad$4 and first same layer$4 and non-conductive$4 same layer$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:54
S166	0	"5,953,199".pn. and capacit$4 same touch$4 same pad$4 and matrix and non-conductive$4 same layer$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:55

S167	0	"5,953,199".pn. and capacit$4 same touch$4 same pad$4 and non-conductive$4 same layer$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:55
S168	0	"5,953,199".pn. and capacit$4 same touch$4 same pad$4 and non-conductive$4 same cover	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:55
S169	0	"4,475,235".pn. and comb same finger	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:56
S170	0	"4,475,235".pn. and comb	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:56
S171	0	"4,475,235".pn. and finger	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 12:56
S172	0	("3579186" | "3618019" | "3668313" | "3699517" | "3956734" | "3983535" | "4035769" | "4126760" | "4143357" | "4281313" | "4389711" | "4394773"). PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:57
S173	0	("4475235").URPN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:57

S174	0	("4441001" | "4468702" | "4586106" | "4654746" | "4745518" | "4865483" | "5067573" | "5252952" | "5448405" | "5457289" | "5469194" | "5486847" | "5543588" | "5552957" | "5579036" | "5588760" | "5668612" | "5747748"). PN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer$4 and galv$4 same isolat$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 12:57
S175	0	("5953199").URPN. and capacit$4 same touch$4 same pad$4 and first same layer$4 and (second same layer$4 and copper same ground$4) and non-conductive$4 same layer $4 and galv$4 same isolat $4	USPAT	OR	OFF	2008/11/29 12:57
S176	3	"4071785".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 13:16
S177	159	touch same pad same piezoelectric	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 13:19
S178	91	touch same pad same piezoelectric same sensor $1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 13:20
S179	0	touch same pad same piezoelectric same sensor $1 same elctrode$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 13:20
S180	8	touch same pad same piezoelectric same sensor $1 same electrode$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/29 13:20

| S181 | 2 | touch same pad same piezoelectric same sensor $1 same electrode$1 and matrix | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/11/29 13:58 |

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